

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/781,262A  
Source: JFW16  
Date Processed by STIC: 10/31/2006

# ***ENTERED***



IFW16

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DATE: 10/31/2006

PATENT APPLICATION: US/10/781,262A

TIME: 14:10:16

Input Set : A:\Substitute Sequence Listing - 2006-10-25.txt

Output Set: N:\CRF4\10312006\J781262A.raw

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3 <110> APPLICANT: Oxxon Therapeutics Limited
5 <120> TITLE OF INVENTION: RECOMBINANT POXVIRUS
7 <130> FILE REFERENCE: BWT-PT001.2
9 <140> CURRENT APPLICATION NUMBER: 10/781,262A
10 <141> CURRENT FILING DATE: 2004-02-18
12 <150> PRIOR APPLICATION NUMBER: US 10/047,761
13 <151> PRIOR FILING DATE: 2002-01-15
15 <150> PRIOR APPLICATION NUMBER: US 09/367,781
16 <151> PRIOR FILING DATE: 1999-11-22
18 <150> PRIOR APPLICATION NUMBER: PCT/GB98/00569
19 <151> PRIOR FILING DATE: 1998-02-23
21 <150> PRIOR APPLICATION NUMBER: GB 9800113.4
22 <151> PRIOR FILING DATE: 1998-01-05
24 <150> PRIOR APPLICATION NUMBER: GB 9703592.7
25 <151> PRIOR FILING DATE: 1997-02-21
27 <160> NUMBER OF SEQ ID NOS: 3
29 <170> SOFTWARE: PatentIn version 3.3
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 897
33 <212> TYPE: DNA
34 <213> ORGANISM: Vaccinia virus
36 <400> SEQUENCE: 1
37 aaacttgaca ttagcatttt attcttatta caaaatataa aataaaatat acaatccaat      60
39 actcacataa tccaactcac tcgaactacta tttttccaat tacgataaca atattgcaga      120
41 atgtactcgt tagtatttgt tattttgatg tgtataccat ttagttttca aacagtgtat      180
43 gatgataaat cggtagcgga ttctgacaat aaagaatata tgggaataga agtttatgta      240
45 gaagcaacgc tagacgaacc cctcagacaa acaacgtgtg aatccaaaat ccataaatat      300
47 ggtgcatctg tatcaaacgg aggattaaat atttctgttg atctattaaa ctgttttctt      360
49 aattttcata cagttgggtg atacactaat cgcgataccg tatacgcgaa gtttgctagt      420
51 ttggatccat ggactacgga acctataaat tctatgacc atgacgatct agtaaaatta      480
53 acagaagaat gtatagtgga cattttatta aaatgtgaag tggataaaac aaaggatttc      540
55 atgaaaacta acggtaatag attaaaacca agagacttta aaactgttcc tccttctaata      600
57 gtaggaagca tgatagaact acagtctgac tattgcgtaa acgatgtgac tacatacgtc      660
59 aaaatatacg atgagtgtgg aacattaaa cagcattcca ttccaacact aagagattat      720
61 tttaccacca agaatggcca accacgtaaa atattaaaga aaaaatttga taattgtaa      780
63 ttgttatttt tataaaaaca agaacggtac ggcgatattt attttttctt aaaacatcta      840
65 accgaagtag tggtagata aaaatgtagt gtaattgtta tatagtgtaa cacgaat      897
68 <210> SEQ ID NO: 2
69 <211> LENGTH: 219
70 <212> TYPE: PRT
71 <213> ORGANISM: Vaccinia virus
73 <400> SEQUENCE: 2
75 Met Tyr Ser Leu Val Phe Val Ile Leu Met Cys Ile Pro Phe Ser Phe

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76 1          5          10          15
79 Gln Thr Val Tyr Asp Asp Lys Ser Val Cys Asp Ser Asp Asn Lys Glu
80          20          25          30
83 Tyr Met Gly Ile Glu Val Tyr Val Glu Ala Thr Leu Asp Glu Pro Leu
84          35          40          45
87 Arg Gln Thr Thr Cys Glu Ser Lys Ile His Lys Tyr Gly Ala Ser Val
88          50          55          60
91 Ser Asn Gly Gly Leu Asn Ile Ser Val Asp Leu Leu Asn Cys Phe Leu
92 65          70          75          80
95 Asn Phe His Thr Val Gly Val Tyr Thr Asn Arg Asp Thr Val Tyr Ala
96          85          90          95
99 Lys Phe Ala Ser Leu Asp Pro Trp Thr Thr Glu Pro Ile Asn Ser Met
100          100          105          110
103 Thr His Asp Asp Leu Val Lys Leu Thr Glu Glu Cys Ile Val Asp Ile
104          115          120          125
107 Tyr Leu Lys Cys Glu Val Asp Lys Thr Lys Asp Phe Met Lys Thr Asn
108          130          135          140
111 Gly Asn Arg Leu Lys Pro Arg Asp Phe Lys Thr Val Pro Pro Ser Asn
112 145          150          155          160
115 Val Gly Ser Met Ile Glu Leu Gln Ser Asp Tyr Cys Val Asn Asp Val
116          165          170          175
119 Thr Thr Tyr Val Lys Ile Tyr Asp Glu Cys Gly Asn Ile Lys Gln His
120          180          185          190
123 Ser Ile Pro Thr Leu Arg Asp Tyr Phe Thr Thr Lys Asn Gly Gln Pro
124          195          200          205
127 Arg Lys Ile Leu Lys Lys Lys Phe Asp Asn Cys
128          210          215
131 <210> SEQ ID NO: 3
132 <211> LENGTH: 258
133 <212> TYPE: PRT
134 <213> ORGANISM: Vaccinia virus
136 <400> SEQUENCE: 3
138 Met Lys Gln Tyr Ile Val Leu Ala Cys Met Cys Leu Ala Ala Ala Ala
139 1          5          10          15
142 Met Pro Ala Ser Leu Gln Gln Ser Ser Ser Ser Ser Ser Ser Cys Thr
143          20          25          30
146 Glu Glu Glu Asn Lys His His Met Gly Ile Asp Val Ile Ile Lys Val
147          35          40          45
150 Thr Lys Gln Asp Gln Thr Pro Thr Asn Asp Lys Ile Cys Gln Ser Val
151          50          55          60
154 Thr Glu Ile Thr Glu Ser Glu Ser Asp Pro Asp Pro Glu Val Glu Ser
155 65          70          75          80
158 Glu Asp Asp Ser Thr Ser Val Glu Asp Val Asp Pro Pro Thr Thr Tyr
159          85          90          95
162 Tyr Ser Ile Ile Gly Gly Gly Leu Arg Met Asn Phe Gly Phe Thr Lys
163          100          105          110
166 Cys Pro Gln Ile Lys Ser Ile Ser Glu Ser Ala Asp Gly Asn Thr Val
167          115          120          125
170 Asn Ala Arg Leu Ser Ser Val Ser Pro Gly Gln Gly Lys Asp Ser Pro

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171      130              135              140
174 Ala Ile Thr Arg Glu Glu Ala Leu Ala Met Ile Lys Asp Cys Glu Val
175 145              150              155              160
178 Ser Ile Asp Ile Arg Cys Ser Glu Glu Glu Lys Asp Ser Asp Ile Lys
179              165              170              175
182 Thr His Pro Val Leu Gly Ser Asn Ile Ser His Lys Lys Val Ser Tyr
183              180              185              190
186 Glu Asp Ile Ile Gly Ser Thr Ile Val Asp Thr Lys Cys Val Lys Asn
187              195              200              205
190 Leu Glu Phe Ser Val Arg Ile Gly Asp Met Cys Lys Glu Ser Ser Glu
191      210              215              220
194 Leu Glu Val Lys Asp Gly Phe Lys Tyr Val Asp Gly Ser Ala Ser Glu
195 225              230              235              240
198 Gly Ala Thr Asp Asp Thr Ser Leu Ile Asp Ser Thr Lys Leu Lys Ala
199              245              250              255
202 Cys Val
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**VERIFICATION SUMMARY**

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